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GENERAL NOTES

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The following journals are published quarterly by the New Zealand Department of Scientific and Industrial Research:

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N.Z. Journal of Botany
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INFORMATION FOR AUTHORS
(Revised September 1983)

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New Zealand Journal of Science publishes papers written by authors working in New Zealand; and papers concerning New Zealand and its neighbours written by authors working anywhere in the world.

The journal covers a wide range of original research in science, especially in the applied sciences and topics of interest to industry. Recent papers have described research in biochemistry, ceramics, fuels, geothermal energy, gold mining, land use, meteorology, microbiology, nutrition and food quality, physical chemistry, soil science, and water purification. Review articles and letters to the editor are also published. Enquiries as to the suitability of any paper are welcomed.

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No absolute limit is imposed on the length of a manuscript, but presentation should be clear and concise. Details of techniques and results which are not essential to the published paper but may be of interest to other workers should not be included. This material could be made available from authors on request, and this should be mentioned in the text. No page charges are levied against authors.

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The International System of Units (SI), as described in NZS 6501: 1982, *Units of Measurement* (Standards Association of New Zealand), should be used wherever possible. Where non-SI units are used, the SI equivalents

(continued on inside back cover)

plus packing and postage ($1.50 overseas, 60 cents within N.Z.). The aim of the publication is to stimulate discussion and comment leading to the formulation of recommendations for a national policy for biotechnology research and development, and to the definition of clear priorities for action.

- ☐ the use of cell fusion techniques to produce diagnostic kits for animal diseases and disorders.
- ☐ the development of microbial insecticides to control crop pests.
- ☐ the genetic improvement and commercial production of rhizobia and mycorrhiza, microbes which assist plant nutrition.
- ☐ the biological conversion of wood to fuels and chemicals.
- ☐ the development of new and improved industrial enzymes, particularly from unusual sources such as the thermophilic bacteria found in New Zealand's geothermal pools.

Also discussed in the paper as critical issues which must be addressed if New Zealand is to make the most of biotechnology, are the following:

- ☐ a shortfall in the supply of certain graduates.
- ☐ the need for enhanced communication between researchers and industry.
- ☐ the importance of investment in market research, product development, and process engineering facilities.
- ☐ the involvement of industry in providing venture capital for biotechnology development.
- ☐ processes for the funding and co-ordination of research.

"Biotechnology in New Zealand" is available from Science Information Publishing Centre, DSIR and Government Bookshops at a cost of $7.50